MEDICAL IMAGING
CSO Customer Support Operations

Fieldservice Bulletin

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1 Piece T5OPQ MA1

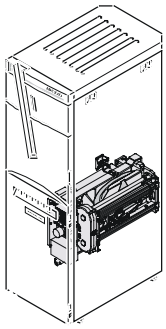
April 2000

Field Service Bulletin Nr. 10 for ADC Solo Type: 5155

Please file this document in section 13 of your Technical Documentation.

IP Jam in Scan Unit

Classification			When?		
Safety relevant	Reliability	New function	Immediately	Next service	As required
	x				x



Problem

Adjustment ledge does not execute its intended function.

Error message

247A6: "IP jam"

Reason

Technicians have reported that at some scan units of the ADC Solo wave spring washers (Figure 1) are missing. If wave spring washers are missing, deep groove ball bearings gradually may move away from their intended position (Figure 2 (arrows)).

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Figure 1

Solution

Wave spring washers have to be fixed behind the deep groove ball bearings.

Missing wave spring washers is only one of the reasons that cause error code 247A6.

1 Adjustment Procedure

1. Remove right side panel.
2. Unplug bus connection and power connection of the IP-transport unit.
3. Open four quick-action closures and remove the IP-transport unit. Put it in a safe place.
4. Check with scan unit, whether wave spring washers are in place or not (Figure 2).
5. If not, cover the VME Rack with a piece of cloth or a large piece of paper.

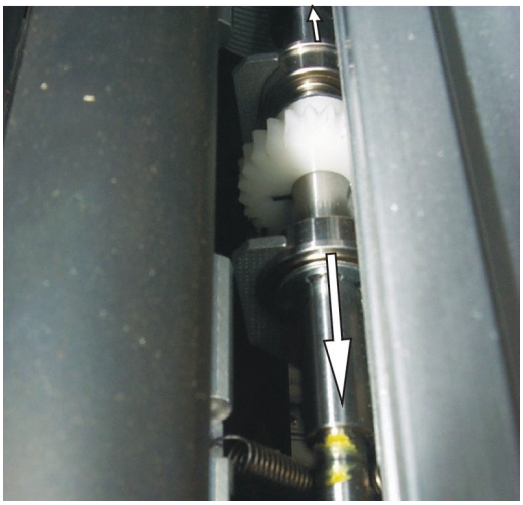

Figure 2

6. Loosen the metal shield from the motor (A) to get access to the drive shaft.

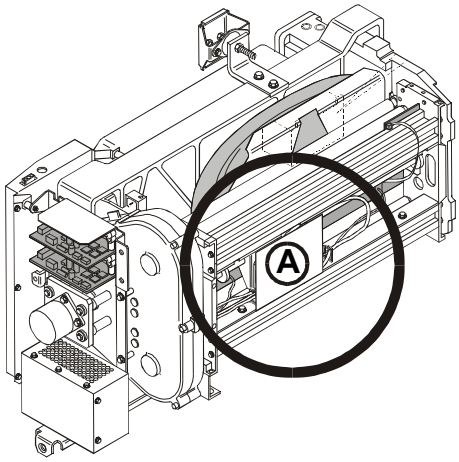

Figure 3

Before wave spring washers are being inserted, the environment must be prepared in a way that the washers cannot accidentally drop in any of the other units: Cover the VME rack with a piece of cloth or a large piece of paper.

7. Move the deep groove ball bearings on the drive shaft as close as possible to the motor (Figure 2, opposite direction of arrows). This can be done with the fingers.
8. Slip the wave spring washers in the groove next to the deep groove ball bearings (follow as indicated by (A)).
9. Attach the metal shield to the motor again.
10. Set the IP-transport unit back to its position.
11. Lock the quick-action closures, insert the plugs in the sockets and close the side panel.

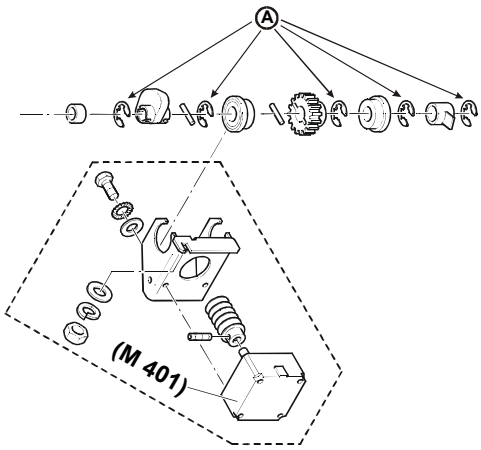

Figure 4